



# PROCAT® PROFESSIONAL LOOSEFILL INSULATION SYSTEM

ProCat® Professional Loosefill Insulation System is designed for contractors (not homeowners) for use in open attic and closed cavity applications. It is typically used for existing construction (retrofit). The ProCat® Professional Loosefill Insulation System provides a fast and simple solution for great performance.

## Features

- The ProCat® machine has a “dense mode” setting to enable installation of ProCat® insulation at a higher R-value in the eaves, where height may be limited.

## Applications

- ProCat® Insulation is intended for use in both “open” applications, such as the floor of vented attics, and in “closed cavity” applications, such as walls and floors between stories of a house.
- ProCat® Insulation is typically used in existing construction.

**These instructions cover the application of ProCat® insulation in:**

- Attics
- Above-grade framed walls

## Installation

### SITE PREPARATION AND SEQUENCING

- Framing cavities and surfaces where ProCat® Insulation will be installed should be dry and free of construction debris.
- Stage insulation packages (unopened), and any accessory materials throughout the site prior to beginning any installation.

### AIR SEALING

Prior to installing ProCat® Insulation, the following areas should be addressed:

- Seal all joints and gaps to help prevent leakage.

### TOOLS & EQUIPMENT

- Tape measure
- Utility knife
- Cut resistant gloves
- Stapler
- Caulk or gun foam (for air sealing)
- Safety Glasses
- Portable work light
- Respirator/dust mask
- Plywood (for walking on)
- Extension cord (14 ga) (required for machine)

## PROCAT®

Net Weight 33.5 lbs.

R-VALUE	BAGS PER 1,000 SQ. FT.	MAXIMUM NET COVERAGE, SQ. FT.	MINIMUM WEIGHT/ SQ. FT.	MINIMUM INITIAL INSTALLED THICKNESS INCHES	MINIMUM SETTLED THICKNESS, INCHES
13	5.1	198.0	0.169	4.75	4.75
19	7.8	128.7	0.260	7.00	7.00
22	9.0	110.6	0.303	8.00	8.00
26	10.7	93.5	0.358	9.25	9.25
30	12.4	80.6	0.416	10.50	10.50
38	16.4	60.9	0.550	13.25	13.25
44	19.1	52.3	0.641	15.00	15.00
49	21.5	46.4	0.722	16.50	16.50
60	27.1	36.9	0.908	19.75	19.75

## PROCAT® WALLS

Net Weight 33.5 lbs.

R-VALUE	MINIMUM BAGS PER 1,000 SQ. FT	MAXIMUM COVERAGE PER BAG IN SQ. FT	MINIMUM WEIGHT IN LB / SQ. FT.	MINIMUM INITIAL INSTALLED THICKNESS IN INCHES	INSTALLED DENSITY LB PER CUBIC FOOT
14	11.3	90.2	0.379	3.5	1.3
15	13.1	78.1	0.438	3.5	1.5
22	17.8	57.4	0.596	5.5	1.3
24	24.7	41.4	0.825	5.5	1.8

## PROCAT® DENSE

Net Weight 33.5 lbs.

R-VALUE	ADDITIONAL BAGS REQUIRED PER 100 FT OF ROOF LINE		
	4:12 ROOF PITCH	5:12 ROOF PITCH	6:12 ROOF PITCH
30	1.2	1	0.8
49	3.6	3	2.4
60	5.5	4.5	3.6

## CONTROL PANEL

### Attic Mode

Select **Attic Mode** from the main screen by pressing the corresponding button.



### Menu

The **Menu** button accesses additional settings in either **Wall** or **Attic Modes**.

### Wall Mode

Select **Wall Mode** from the main screen by pressing the corresponding button.

### Display

Selecting the **Display** button allows display.

### Attic Mode – Normal

Use this mode for the majority of the attic.



### Attic Mode – Dense Below

Good for preventing blow-back and insulating tight spaces, **Dense Blow** is approximately twice the density of **Normal**.



Access dense mode settings by selecting **Adj** while **Dense Blow** is highlighted. Use **+** to increase density, and **-** to decrease density. Each increment represents an approximate change of 5%.

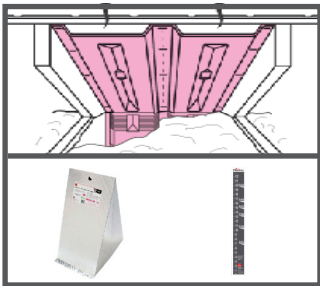
## REMOTE

When main panel is in **Attic Mode**:

- **Norm** turns on the machine and switches from **Dense Blow** to **Normal**.
- **Dense** only works in **Attic Mode**. It starts the machine in **Dense Blow** or switches from **Normal** to **Dense Blow**.
- **Stop** will stop the machine in any mode.
- **Norm** and **Dense** buttons pressed simultaneously activates only the blower. This clears the hose without feeding additional insulation. When main panel is in **Wall Mode**: only "**Norm**" starts the selected wall density and "**Stop**" stops the machine. Switch main panel to **Attic Mode** prior to blowing attic.



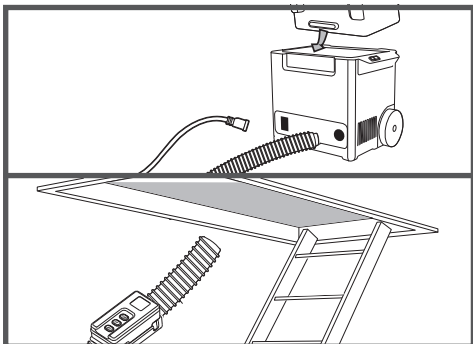
## ATTIC BLOWING PREPARATION



1. A single 4-foot length of raft-R-mate® attic vent should be installed in each rafter or truss space, at the ceiling line, to ensure that the airway between soffit and attic space remains open.
2. Install covers or baffles around heat sources, such as non-IC-rated can lights or flues/chimneys; keep insulation at least 3 inches from heat sources.
3. Install rulers on joists, roof trusses, or vertical framing to determine insulation depth. Install one ruler per 300ft²/28m² so they are clearly visible.

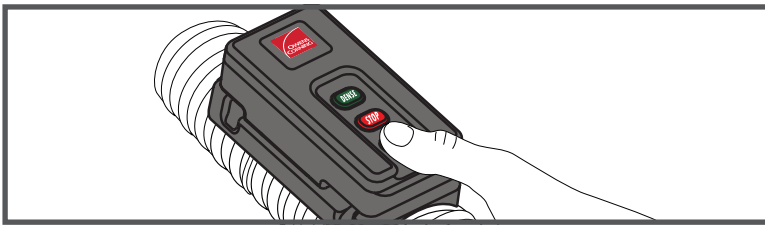
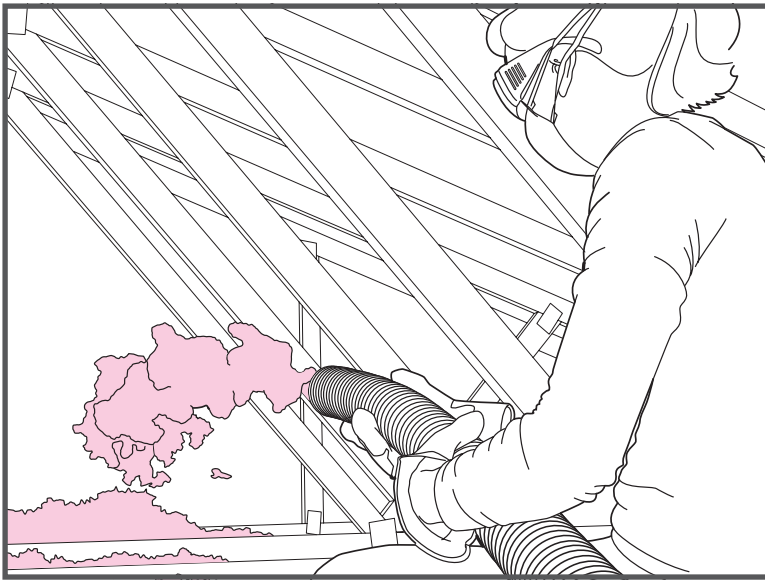
## ATTIC BLOWING INSTRUCTIONS

1. Plug extension cord into ProCat® machine; connect to a standard 115/120 VAC, 15 AMP electrical outlet. Connect the hose to the machine and take the other end of the hose into the attic.
2. Follow instructions on insulation bag for cutting in half. Hold the half-bag by the end flaps and insert **cut end** into the machine. Push the half-bag completely into the feeder until it stops. The built-in autocutter will cut the plastic packaging, releasing the insulation into the machine. Remove the packaging from the machine.



**Important!** Packaging may clog machine and should be removed immediately once insulation is released into the feeder.

Do **not** place hands into feeder to push loose insulation down into the machine.



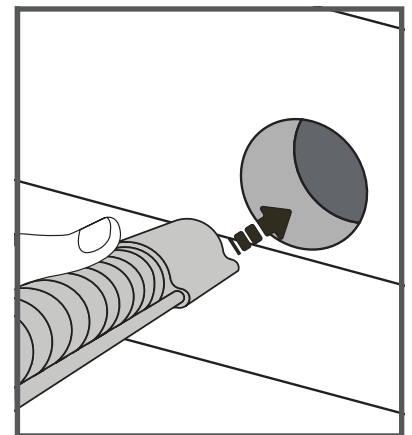
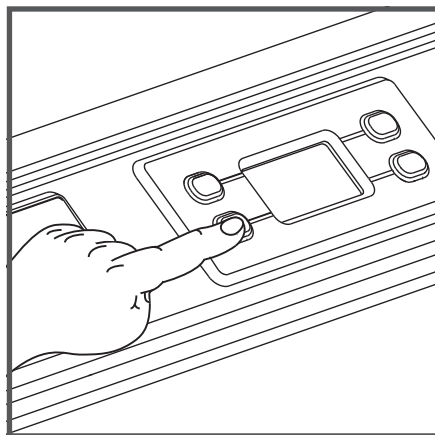
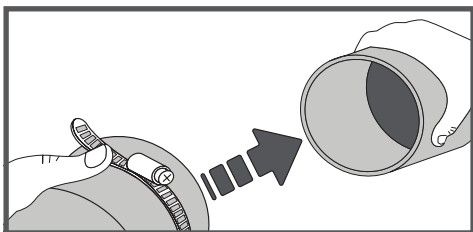
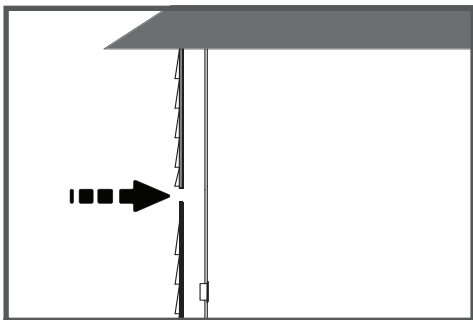
3. Press the **Norm** or **Dense** button on the remote to begin the flow of insulation. There is a slight delay from the time the blower starts and the time the agitators begin rotating. To stop the flow of insulation at any time, press the **Stop** button on the remote; this will stop the ProCat® machine.
4. Direct the hose toward the eaves and, using **Dense Blow Mode** with the **Dense Blow Adapter** connected, begin at the point farthest from the attic opening. Using **Dense Blow** around eaves creates optimal insulation density. Also, using this mode in tight spaces, and near the opening of the attic, prevents blow-back.
5. Add additional half-bags one at a time when the feeder is emptied and agitator paddles are visible through the window.
6. When not insulating near eaves or tight spaces, press **Norm** on the remote to switch back to **Normal Mode**. Use this mode for the majority of the attic. As each attic section fills, slowly move backward toward the attic opening. Repeat this process until the attic is fully insulated.
7. Before finishing, be sure eave vents and heat-generating fixtures are not covered with insulation.

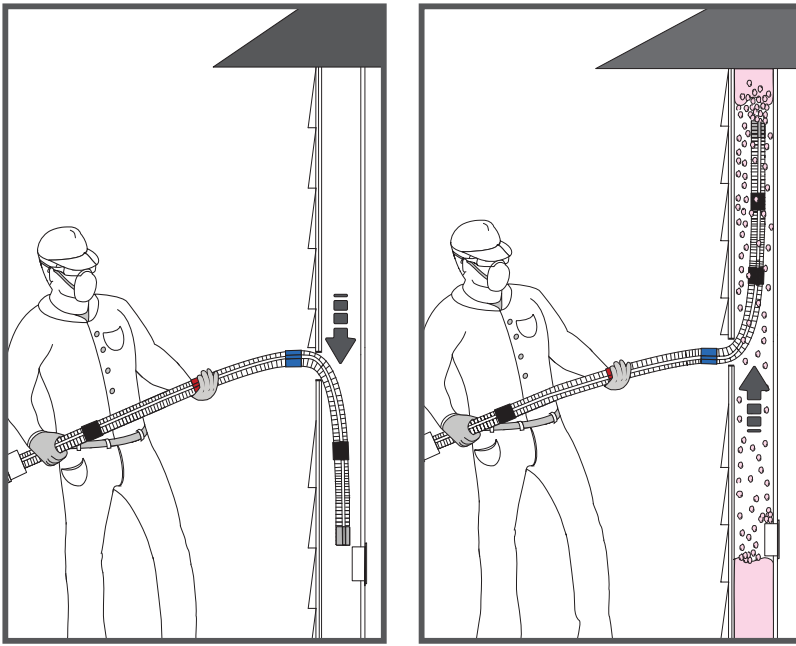
## WALL BLOWING INSTRUCTIONS

1. Create a 2- to 3-inch diameter hole midway up the wall cavity requiring insulation.
2. Attach the wall-blowing adapter to the ProCat® hose. Use only one 50-foot hose segment with adapter.
3. Select **Wall Mode** on the main screen; use the **Menu** button to select density settings. On the next screen, **1.3lb/CF**, **1.5lb/CF**, and **1.8lb/CF** will display. Use the **Sel** button to toggle between different selections (refer to insulation package instructions for guidance in making this selection).

For fine adjustments during operation, select the desired density, then press the **Adj** button. Use the **+** or **-** to increase or decrease density. Each mark indicates an approximate 5% change. (Refer to **Calculating Insulation Coverage for Wall Mode** for guidance in making this adjustment.)

4. Insert the wall-blowing adapter through the hole in the wall cavity.





5. Feed hose down into the wall cavity until the hose is just below the top of the outlet height. The insulation fills below wires crossing the cavity.
6. Turn on the machine by pressing **Start** on the machine control panel or by pressing **Norm** on the remote. Keep the hose in the same position until insulation stops flowing. At this point, stop the machine and back out the hose.
7. With the tip of the hose pointing up, feed the hose up until the tip is within 1 foot of the top. Colored marks on the wall-blowing adapter indicate different depths when feeding in the hose. The blue mark on the hose indicates the proper insertion depth for an 8-foot wall, the red mark corresponds with a 9-foot wall, and the black mark closest to the operator corresponds with a 10-foot wall.
8. Once the hose is inserted to the proper height, turn on the machine by pressing **Start** on the machine control panel, or by pressing **Norm** on the remote. Keep the hose in the same position until insulation stops flowing. Slowly back out the hose one segment at a time as this happens. This method optimally fills the cavity. When the tip of the hose is near the opening to the wall cavity, turn off the machine by pressing **Stop** on the machine control panel, or press **Stop** on the remote.

## GENERAL NOTES

- This product does NOT require a trained or certified installer.
- This product does NOT require evacuation of the building during installation, due to chemical reactions; thus, there are NO applicable re-entry/re-occupancy times.
- This product is classified as an "Article" under the OSHA Hazard Communication Std. and does not require a Safety Data Sheet. Copies of the Article Declaration Letter and Safe Use Instruction Sheet (SUIS) are available on [owenscorning.com](http://owenscorning.com).
- Protect from open flame or heat sources. Do not place insulation within 3 inches of light fixtures or similar electrical devices unless labeled for contact with insulation.

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